



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

Test Am
Week 2

DATE: February 24, 2012
SUBJECT: Region III Data QA Review
FROM: Colleen Walling *Colleen Walling*
Region III ESAT RPO (3EA20)
TO: Rich Fetzer
Remedial Project Manager (3HS31)

*already sent
part of 2*

Attached is the organic data validation report for the Dimock Residential Groundwater site (DAS# R33917; SDG #: 480-15712-1) completed by the Region III Environmental Services Assistance Team (ESAT) contractor under the direction of Region III EAID.

If you have any questions regarding this review, please call me at (410) 305-2763.

Attachment

TO: #0042 TDF: 02101 Data Validation
TO: #0042 TDF: #02085 Sample log-in processing

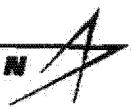
cc: Gene Nance (Techlaw)
Suddha Graves (Techlaw)

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Date: February 23, 2012

Subject: Organic Data Validation (M3 Level)
Case: R33917
Project: 480-15712-1
Site: Dimock

From:

Redacted

To: Colleen Walling
ESAT Region 3 Project Officer

OVERVIEW

Third party Case R33917, Project 480-15712-1, consisted of nineteen (19) aqueous samples including one (1) field blank analyzed for ethylene glycol, diethylene glycol, triethylene glycol, 2-methoxyethanol and 2-ethoxyethanol. Samples were analyzed by TestAmerica Buffalo (TAL BUF) according to Test Methods for Evaluating Solid Waste SW-846 Method 8015B.

SUMMARY

Data were validated according to Region 3 Modifications to the National Functional Guidelines for Organic Data Review, Level M3 and is assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual). Areas of concern with respect to data usability are listed below.

MAJOR PROBLEM

- Peaks were detected in the GC/FID Method 8015B glycols analysis within the retention time window of target compounds diethylene glycol and triethylene glycol. However, the positive identification of these target compounds was not confirmed via second GC column and/or GC/MS analysis. For this reason, the target compounds were qualified "R" on the Data Summary Forms (DSFs) as their absolute identity could not be proven.

SAMPLE SUMMARY

Client: Techlaw, Inc

Job Number: 480-15712-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-15712-1	FB07	Water	01/31/2012 1415	02/03/2012 1030
480-15712-2	HW18	Water	01/30/2012 1127	02/03/2012 1030
480-15712-3	HW18-P	Water	01/30/2012 1152	02/03/2012 1030
480-15712-4	HW20	Water	01/30/2012 1612	02/03/2012 1030
480-15712-5	HW20-P	Water	01/30/2012 1629	02/03/2012 1030
480-15712-6	HW25-P	Water	01/30/2012 1532	02/03/2012 1030
480-15712-7	HW26	Water	01/31/2012 1026	02/03/2012 1030
480-15712-8	HW26-P	Water	01/31/2012 1137	02/03/2012 1030
480-15712-9	HW29	Water	01/31/2012 1818	02/03/2012 1030
480-15712-10	HW29Z	Water	01/31/2012 1818	02/03/2012 1030
480-15712-11	HW32	Water	02/01/2012 1045	02/03/2012 1030
480-15712-12	HW32-P	Water	02/01/2012 1050	02/03/2012 1030
480-15712-13	HW33	Water	02/01/2012 1049	02/03/2012 1030
480-15712-14	HW33A-P	Water	02/01/2012 1042	02/03/2012 1030
480-15712-15	HW33B-P	Water	02/01/2012 1142	02/03/2012 1030
480-15712-16	HW34A	Water	02/01/2012 1547	02/03/2012 1030
480-15712-16MS	HW34A	Water	02/01/2012 1547	02/03/2012 1030
480-15712-16MSD	HW34A	Water	02/01/2012 1547	02/03/2012 1030
480-15712-17	HW34A-P	Water	02/01/2012 1555	02/03/2012 1030
480-15712-18	HW35	Water	01/31/2012 1149	02/03/2012 1030
480-15712-19	HW52	Water	01/31/2012 1522	02/03/2012 1030

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